Title (en)

SUBSTITUTED 2-PHENYL PYRIDINES, THEIR MANUFACTURE AND USE AS HERBICIDES

Title (de)

SUBSTITUIERTE 2-PHENYLPYRIDINE, DEREN HERSTELLUNG UND VERWENDUNG ALS HERBIZIDE

Title (fr)

2-PHENYLPYRIDINES SUBSTITUEES, LEUR FABRICATION ET LEUR UTILISATION COMME HERBICIDES

Publication

EP 0984933 A1 20000315 (DE)

Application

EP 98929325 A 19980515

Priority

- DE 19722660 A 19970530
- EP 9802878 W 19980515

Abstract (en)

[origin: WO9854137A1] The invention relates to substituted 2-phenyl pyiridines of formula (I) in which the substituents and index m have the following meanings: m is 0 or 1; R<1> is halogen, C1-C4 halogen alkase, C1-C4 halogen alkoxy, C1-C4-alkylthio, C1-C4-alkyl sulfinyl, C1-C4-alkyl sulfonyl, C1-C4-halogen-alkylthio or cyano; R<2> is fluorine or trifluoromethyl; R<3> is hydrogen or halogen; R<4> is halogen or cyano; R<5> is Co2R<6>, OR<7>, SR<7>, C(R<8>)=N-O-R<7> or C(R<8>)=C(R<8>)-CO-O-R<6>, where R<6> is hydrogen, an unsubstituted or halogen-substituted C1-C8-alkyl-, C3-C6-alkenyl- or C3-C6-alkynyl radical; C1-C4-alkoxy-C1-C4-alkyl, C1-C6-alkoxycarbonyl-C1-C4-alkyl, C3-C4-alkyl, C3-C4-alkenyl oxycarbonyl-C1-C4-alkyl, C3-C4-alkynyl oxycarbonate-C1-C4-alkyl or C1-C4-alkoxy-(C1-C4-alkoxy) carbonyl-C1-C4-alkyl; R<7> has the meaning assigned to R<6> or is CH2-CO2[C1-C4-alkylene]-CO2R<9> and CH[C1-C4-alkyl]-CO2-[C1-C4-alkylene]-CO2R<9>; R<8> is hydrogen or C1-C4 alkyl and R<9> is hydrogen or C1-C4-alkyl.

IPC 1-7

C07D 213/61; A01N 43/40; C07D 213/26; C07D 213/70; C07D 213/71

IPC 8 full level

A01N 43/40 (2006.01); **A01N 61/00** (2006.01); **C07D 213/26** (2006.01); **C07D 213/61** (2006.01); **C07D 213/65** (2006.01); **C07D 213/70** (2006.01); **C07D 213/71** (2006.01); **C07D 213/85** (2006.01); **C07D 213/89** (2006.01)

CPC (source: EP)

A01N 43/40 (2013.01); **C07D 213/26** (2013.01); **C07D 213/61** (2013.01); **C07D 213/70** (2013.01); **C07D 213/71** (2013.01)

Citation (search report)

See references of WO 9854137A1

Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

WO 9854137 A1 19981203; AR 012888 A1 20001122; AU 7913098 A 19981230; CA 2291446 A1 19981203; EP 0984933 A1 20000315; JP 2002511854 A 20020416; US 6420314 B1 20020716

DOCDB simple family (application)

EP 9802878 W 19980515; AR P980102529 A 19980529; AU 7913098 A 19980515; CA 2291446 A 19980515; EP 98929325 A 19980515; JP 50016699 A 19980515; US 42397199 A 19991117